

ARC8100 Research by Dissertation by [150 CH]

The candidate is required to select a topic for research, which enhances the knowledge of architecture, with particular emphasis on architectural thought and the place of architecture in human endeavour. The dissertation must address issues of architecture in relation to national and social development, as well as the other philosophical fundamentals of architecture.

ARC 8101 Research Seminar [105 CU]

Description

The course helps students to strengthen their ability to do guided research, make a report on technical issues and present these issues in a scientific set up. While lecturers will give the students guidelines on the topics to research on, they will not formally teach them in class. However, what is expected out of the students will be explicitly given to them and examined.

Objectives

The aims of the course are:

- To develop the students ability to search for and internalize scientific academic material
- To develop the students skills in technical writing
- To develop the student's presentation skills.

Course Content

The content is both in terms of skill and technical content.

1. Technical content: This depends on the problem addressed. The student is expected to show understanding and comprehension of the subject matter. **[15 CU]**
2. Skill content: a student is expected to show ability to comprehend scientific literature, correctly make a technical report and competently prepare and make an academic presentation **[15 CU]**

Teaching and Learning Pattern

Students will be given broad areas of study together with research questions to address by the beginning of the second semester. Each student will be given a senior staff from whom they can get advice and guidance whenever necessary. The student will then be required to address one research problem and make a write up on it. The student will then be required to present his work to the staff and his/her peers. As part of the course, the student will also be obliged to attend all (weekly) research talks in the school.

Mode of Assessment

Assessment will be made up of 4 parts:

- Attendance of weekly research talks (Semester 2) 10%
- Report write up 50%
- Presentation 20%
- Knowledge of subject matter 20%

Recommended Reference Books/ Literature

The textbooks and articles will depend on the problem being addressed.

